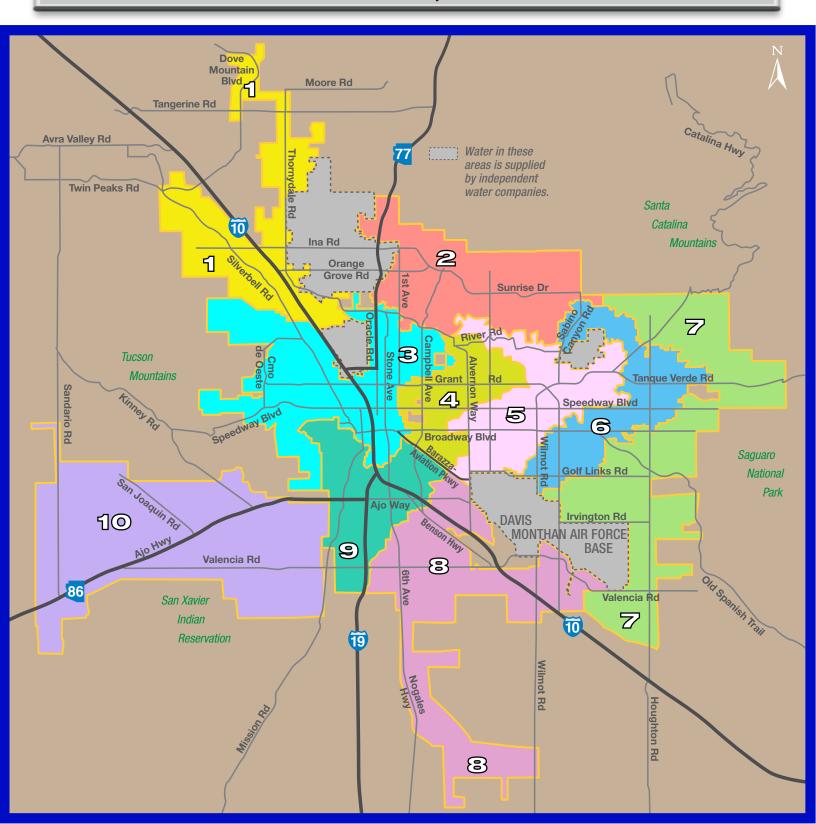


To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system — before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

# **Main Water System**





To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system — before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

## **Main Water System**

# **TEST RESULTS BY WATER QUALITY ZONE**

Zones	Hardness (mg/L*) 79 SP	<b>Sodium</b> (mg/L*) 78 SP	Nitrate-N (mg/L*) 78 SP	Fluoride (mg/L*) 78 SP	<b>pH Level</b> (S.U.) 246 SP	Minerals (mg/L*) 246 SP	Temperature (deg°F) 246 SP
1	230	59	2.04	0.37	7.8	488	77.9
2	250	66	1.17	0.40	7.8	505	77.6
3	233	62	1.54	0.49	7.8	483	77.4
4	199	58	0.91	0.28	7.8	414	78.7
5	223	65	0.92	0.31	7.7	455	76.9
6	196	<b>57</b>	1.19	0.31	7.8	447	77.2
7	204	54	1.53	0.26	7.8	427	77.6
8	201	60	1.68	0.38	7.7	443	78.6
9	215	59	1.83	0.47	7.7	459	78.5
10	194	64	1.48	0.31	7.8	443	78.0
Avg	216	61	1.34	0.36	7.8	456	77.8

<sup>\*</sup>mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points S.U. = Standard Units

## TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*  **Total Coliform** positive samples/mo.

*E. coli* positive samples/mo.

Follow-up assessment required?



# **CHLORINE**

Actual Average

246 samples—0.9 mg/L



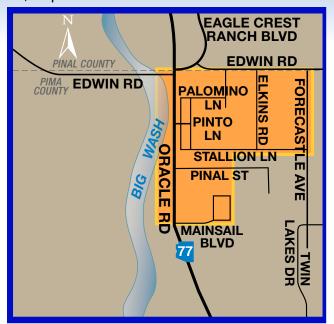
Tucson Water target average



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells — not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

## **Catalina Water System**

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.

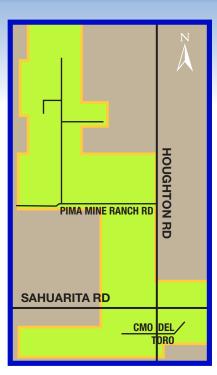


#### **TEST RESULTS from 2 Sample Points (SP)**

Hardness (mg/L*) 1 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	<b>Fluoride</b> (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 2 SP	Minerals (mg/L*) 2 SP	<b>Temperature</b> (deg°F) 2 SP
108	32	3.61	0.49	8.1	196	76.2
* <b>mg/L</b> me	eans milligra	ıms per liter	<b>1 mg/L</b> = 1	teaspoon ir	1,302 gallo	ns
<b>TOTAL</b>	COLIF	ORM &	E. COLI			
EPA		T <mark>otal Coliform</mark> Samples/mo.	positive		0	
standard Total Coli	IS TOT	. <i>coli</i> positive	samples/mo.		0	
and E. co	101111	ollow-up asse	•		100	
una z. co	" 1	equired?			no	
CHLOR	INE '				71.1	Standard
					Max	k. 4.0 mg/L
Actu	al Average				Tuc	son Water
		$\longrightarrow$ $\vdash$	1			get average
2 san	1,12 m	g/L 🗀			<b>-</b> 0.81	to 1.2 mg/L

# Corona de Tucson Water System

Corona de Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 connections supplying about 7,300 persons with water from three wells.



#### **TEST RESULTS from 9 Sample Points (SP)**

Hardness (mg/L*) 3 SP	<b>Sodium</b> (mg/L*) 3 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 3 SP	<b>pH Level</b> (S.U.) 9 SP	Minerals (mg/L*) 9 SP	<b>Temperature</b> (deg°F) 9 SP
193	49	1.15	0.39	7.5	385	75.8
* <b>mg/L</b> mea	ns milligrams	perliter <b>1 m</b>	<b>g/L</b> = 1 teasp	oon in 1,302	gallons	
TOTAL	. COLIF	DRM &	E. COLI			
EPA		otal Coliform	positive		0	
standaro	ds for	amples/mo.			0	
Total Col	1101111		•		U	
and <i>E. co</i>		follow-up asse equired?	ssment		no	
					_	
CHLOR	INE -		-	<b>←</b>	ED/	\ Standard
		4				x. 4.0 mg/L
						son Water get average
_	ual Averag	—> └	31			to 1.2 mg/L
9 sa	mples-0.8 r	ng/L		200	- 0.01	.o 1.2 1119/L



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells — not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

# **Diamond Bell Water System**

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively,



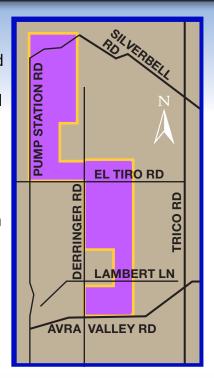
with about 200 connections supplying about 570 persons with water from two wells.

## **TEST RESULTS from 1 Sample Point (SP)**

	Hardness (mg/L*) 2 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 1 SP	Minerals (mg/L*) 1 SP	<b>Temperature</b> (deg°F) 1 SP				
	115	29	1.50	0.20	7.7	211	71.6				
	*mg/L means milligrams per liter $1 \text{ mg/L} = 1 \text{ teaspoon in 1,302 gallons}$										
ŀ											
TOTAL COLIFORM & E. COLI											
	EPA		T <mark>otal Coliform</mark> Samples/mo.	positive		0					
	standard Total Coli	is for	E. <i>coli</i> positive	samples/mo.		0					
	and E. co	olj I	ollow-up asse			no					
		ı	equired?			IIU					
	CHLORINE EPA Standard Max. 4.0 mg/L										
	Actual Average  1 sample – 0.8 mg/L										

# Rancho del Sol Lindo & White Fence Farms Water System

Rancho del
Sol Lindo is a
community located
southwest of
Silverbell Road and
North Trico Road.
Rancho del Sol
Lindo has about
1,000 connections,
supplying about
2,700 persons with
water from two
wells.



## **TEST RESULTS from 3 Sample Points (SP)**

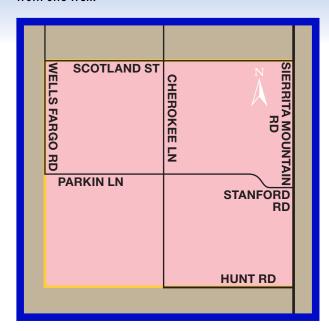
Hardness (mg/L*) 1 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 3 SP	Minerals (mg/L*) 3 SP	<b>Temperature</b> (deg°F) 3 SP			
130	39	2.79	0.48	7.8	252	78.0			
* $mg/L$ means milligrams per liter 1 $mg/L$ = 1 teaspoon in 1,302 gallons									
TOTAL	COLIFO	DRM &	E. COLI						
EPA		otal Coliform	positive		0				
standard	s for	amples/mo.	camples/ma		0				
Total Coli	101111	. <i>coli</i> positive ollow-up asse	•						
and <i>E. co</i>		onow-up asse equired?	ssilielit		no				
CHLOR	INE -		7	◀	FΡΔ	Standard			
		1				. 4.0 mg/L			
					T				
Actua	al Average	_		-		on Water Jet average			
	ples—0.9 ma	<u>→</u> _				o 1.2 mg/L			
J Sulli	ριε3-0.7 III <u>g</u>	// L		2					



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# **Sierrita Foothills Water System**

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.

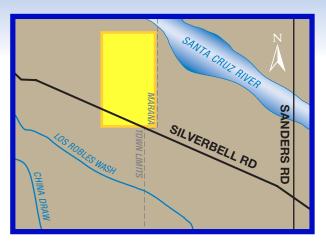


#### **TEST RESULTS from 1 Sample Point (SP)**

Hardness (mg/L*) 1 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
91	38	1.68	0.49	7.9	217	73.0
*mg/L me	eans milligra	ms per liter	<b>1 mg/L</b> = 1	teaspoon in	1,302 gallor	ns
<b>TOTAL</b>	COLIFO	DRM &	E. COLI			
EPA	•	otal Coliform amples/mo.	positive		0	
standard Total Coli	s for	. coli positive:	samples/mo.		0	
and <i>E. co</i>	101111	ollow-up asse	•		100	
unu 2, co	" r	equired?			no	
CHLOR	INE		11			Standard c. 4.0 mg/L
Actua	al Average				targ	son Water jet average
1 sam	ple-0.9 mg				<b>→</b> 0.8 t	o 1.2 mg/L

## **Silverbell West Water System**

The Silverbell West system has 83 connections serving approximately 230 people from one well.



## **TEST RESULTS from 1 Sample Point (SP)**

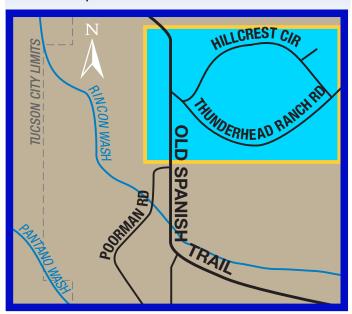
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
335	93	1.95	0.45	7.5	643	79.9
* <b>mg/L</b> me	eans milligra	ms per liter	<b>1 mg/L</b> = 1	teaspoon in	1,302 gallor	ıs
TOTAL	COLIFO	RM & <i>L</i>	E. COLI			
EPA	c	otal Coliform amples/mo.	positive		0	
standard Total Coli	s for	. <i>coli</i> positive s	samples/mo.		0	
and E. co	lj F	ollow-up asses	ssment		no	
	re	equired?				
CHLORI	INE -		1	<del>-</del>		Standard : 4.0 mg/L
	al Average	→ ∟			targ	on Water let average o 1.2 mg/L
i san	nple–0.9 mg	//L 				<i>y</i>



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# **Thunderhead Ranch Water System**

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.

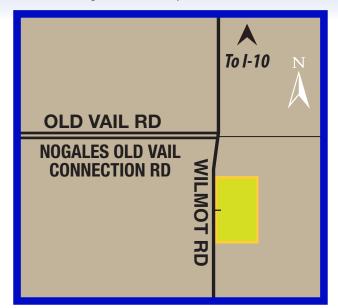


#### **TEST RESULTS from 1 Sample Point (SP)**

Hardness (mg/L*) 1 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 1 SP	Minerals (mg/L*) 1 SP	<b>Temperature</b> (deg°F) 1 SP				
75	13	1.43	0.15	7.8	140	72.1				
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons										
TOTAL	COLIFO	RM & <i>E</i>	E. COLI							
EPA		otal Coliform	positive		0					
standard	s for	amples/mo. . <i>coli</i> positive s	:amnles/mo		0					
Total Coli	101111	ollow-up asses								
allu L. Co		equired?	Silicine		no					
CHLORI	NE -			<b>—</b>	EPA	Standard				
		1	1		Max	. 4.0 mg/L				
					Tucs	on Water				
Actua	al Average			-	targ	et average				
	ple-0.8 mg	<b>_</b>			<b>-</b> 0.8 to	1.2 mg/L				
	,									

## **Tucson Police-Fire Academy Water System**

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.



## **TEST RESULTS from 1 Sample Point (SP)**

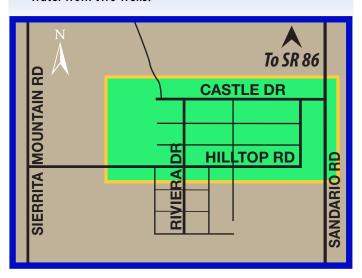
Hardness (mg/L*) 1 SP	<b>Sodium</b> (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	<b>pH Level</b> (S.U.) 1 SP	Minerals (mg/L*) 1 SP	<b>Temperature</b> (deg°F) 1 SP			
200	40	0.80	0.28	7.6	353	72.1			
* <b>mg/L</b> me	ans milligra	ms per liter	<b>1 mg/L</b> = 11	teaspoon in	1,302 gallon	IS			
TOTAL	COLIFO	RM & <i>E</i>	. COLI						
EPA		otal Coliform   amples/mo.	positive		0				
standard	s for	. <i>coli</i> positive s	amples/mo.		0				
Total Coli and <i>E. co</i>	101111	ollow-up asses							
ana L. Co		equired?			no				
CHLOR	INE -					Standard			
Max. 4.0 mg/L									
Tucson Water									
A			-			et average			
	al Average nple—0.6 ma				<b>-</b> 0.8 to	o 1.2 mg/L			



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## **Valley View Acres Water System**

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



#### **TEST RESULTS from 1 Sample Point (SP)**

